

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01J8/00 B01J8/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B01J B65G B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 467 513 B1 (YANAGISAWA YUZURU ET AL) 22 October 2002 (2002-10-22) abstract column 4, line 34 - column 5, line 41; figures 7-10	1-5
X	EP 1 283 070 A (TOPSOE HALDOR AS) 12 February 2003 (2003-02-12) abstract column 2, paragraph 11 column 4, paragraph 24 - paragraph 25; figure 2	1-5



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents:

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- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*&\* document member of the same patent family

Date of the actual completion of the international search

20 August 2004

Date of mailing of the international search report

02/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/44488 A (PATUREAUX THIERRY ; TOTAL RAFFINAGE DISTRIBUTION (FR)) 3 August 2000 (2000-08-03) abstract page 3, line 27 - line 36 page 4, line 16 - line 19 page 5, line 6 - line 8 page 5, line 27 - line 31 page 5, line 36 - page 6, line 4 page 6, line 16 - line 32; figures 1-8	1-5
A	EP 0 522 858 A (CLEVELAND POTASH LTD) 13 January 1993 (1993-01-13) abstract column 3, line 50 - column 4, line 6	3-5
A	GB 2 330 828 A (E W DOWNS & SON) 5 May 1999 (1999-05-05) abstract	3-5
A	EP 0 548 999 A (NORSK HYDRO TECHNOLOGY) 30 June 1993 (1993-06-30) abstract; figure 2	1-5

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